

96786

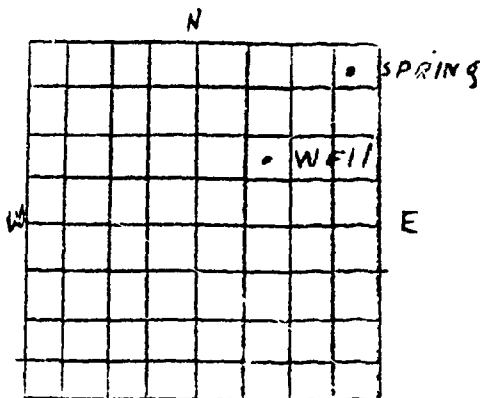
RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 19 day of Aug
A.D. 1972 at 8:10 o'clock AM.
Joanne P. McFarlane
County Recorder
Fees \$ 2.00

GW

T IN R 4W
County JEFFERSONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 3 1964DECLARATION OF VESTED GROUNDWATER RIGHTS OF STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

- 1.
- A. DALE SESSIONS
- , of
- WHITEHALL
-
- (name of appropriator) (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:

NE 1/4 Sec 11 T 1 N R 4 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
CULINARY & LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
50 YEARS CONSTANT (Both)
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
50 GALLONS (WELL) 50 GALLONS (SPRING)
5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
GARDEN & LAWN (WELL)
A. DALE SESSIONS
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP GRAVITY

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
BEFORE 1910
8. The depth of water table 3 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
CASING, 6 INCH, 45 FEET GRAVITY
10. The estimated amount of groundwater withdrawn each year 5,920,000 SPRING GAL
11. The log of formations encountered in the drilling of each well if available
NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record
Not Available

Date Dec 21, 1963 Signature of Owner A. Dale SessionsSTATE OF MONTANA)
COUNTY OF SILVER BOW)ss A. DALE SESSIONS having first been duly sworn, depose and say that he of

lawful age and the appropriator and Claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this _____ day of _____, 19____
Notary public for the St. of Montana, residing at _____
Commission expires _____

19612

83387

RECORDER'S OFFICE } ss.
Jefferson County, Montana }

Filed for record this 2 day of Jan.
A. D. 1914 at 9:16 o'clock A. M.

200 County Recorder
Fees, \$ 2.00

County

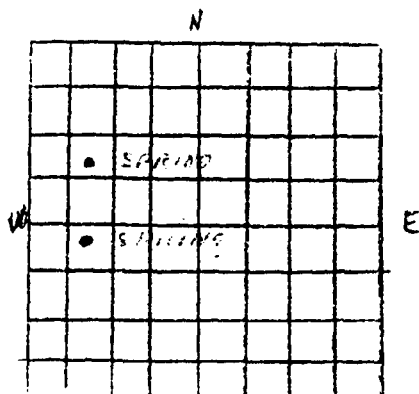
T 1 N R 4 W
JEFFERSONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 3 1964

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

- 1.
- A. DALE SESSIONS
- , of
- WHITEHALL
-
- (name of appropriator) (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



NW 1/4 Sec 12 T 1 N R 4 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
50 YEARS
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
25 GALLONS & 50 GALLONS
5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
A. DALE SESSIONS
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
GRAVITY SPRINGS
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
BEFORE 1910
8. The depth of water table
2 FEET & 5 FEET
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
SPRINGS
10. The estimated amount of groundwater withdrawn each year 15,000,000
11. The log of formations encountered in the drilling of each well if available
NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record
BEEN USED FOR LIVESTOCK WATER SINCE 5 YEARS AGO
- Date Dec 31, 1963 Signature of Owner A. Dale Sessions

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

_____ having first been duly sworn, depose _____ and say that _____ of lawful age and _____ the appropriator _____ and Claimant _____ of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that _____ he know the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this _____ day of _____, 19____
Notary public for the St. of Montana, residing at _____
Commission expires _____

1963

83388

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 2 day of Jan.
19 64 9 18 o'clock A. M.
County Recorder
Fees, \$ 2.00

File No.
XXXXXXX DUPLICATE

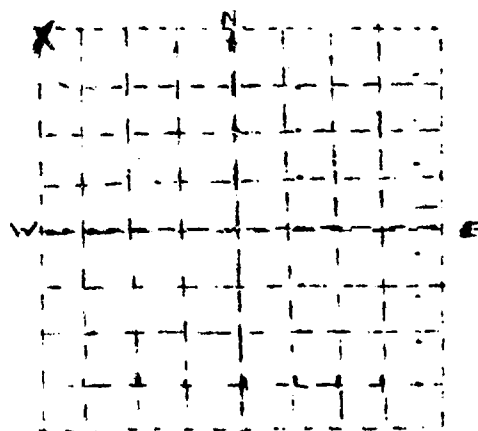
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. John F. Anderson of RFD Whitehall
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 S 15 N 1/4

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Road & 7.5 A.C.R.
16 Head Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Dec. 15 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
30 ft deep 5 in casing
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available,...
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. We have only been at this location for two weeks and no records are available

Signature of Owner John F. Anderson

Date Dec 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

19513

8328/

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec.
A.D. 1962 at 10 o'clock P.M.
W. H. Anderson
Fee, \$ 2.00

File No.

DUPLICATE

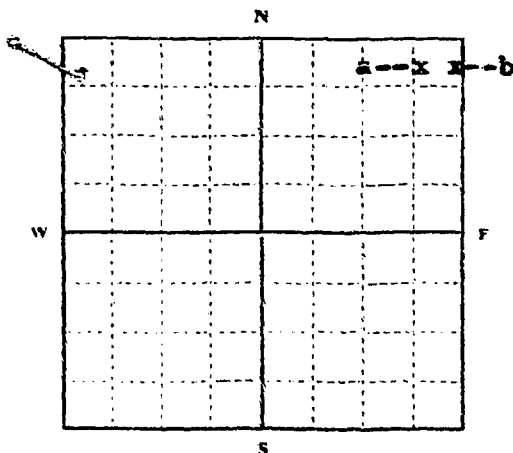
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 1 N. R. 4 W.
County **Jefferson**
1963
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **C. W. Makowski** of **Whitehall**
(Name of Appropriator) (Address) (Town)
County of **Jefferson** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 16 T. 1 N. R. 4 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based **a--domestic and irrigation; b--stock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
a--1880 continuous
b--1880 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). **a-- 40 GPM**
b-- 40 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
a--irrigation 1 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
a--electric driven pump
b--electric driven pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **a--1880**
b--1880
8. The depth of water table. **a-- 5 feet; b-- 5 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
a--drilled well, 6 inch casing, depth 60 feet.
b--hand dug well, cribbed walls, depth 15 feet.
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available.
none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date **December 30, 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19436

83183

RECORDS SECTION
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
DATE 30 Dec 1963
BY 1045
FILE 1045
Fees \$ 2.00

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Robert Lee Davis

Address ~~PO~~ Box 456
Whitehall Montana

Date well started Approx.

completed 1948

Type of well Drilled

Equipment used Churn Drill
(Dug, driven, bored or drilled)
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

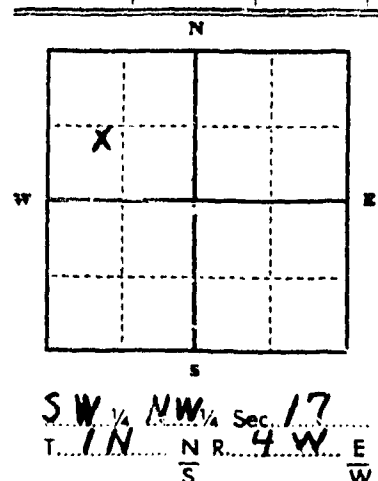
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*** Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL. 200,000

Size of Drilled Hole	Size and Weight of Lining	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4"					



INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO.....

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) _____

[illegible]

Show exact depth of bottom

05088

98926

RECORDER'S OFFICE
Jefferson County, Montana

Filed for record this 29 day of June
A. D. 1923 at 3:05 o'clock P.M.

James P. McFarlane
County Recorder
Ex. No. 200

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M

INDEXED
FILED
JUN 29 1923
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DEC 31 1923

RECEIVED

3 GW 3 Revised 1969
191-1500-10-69

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

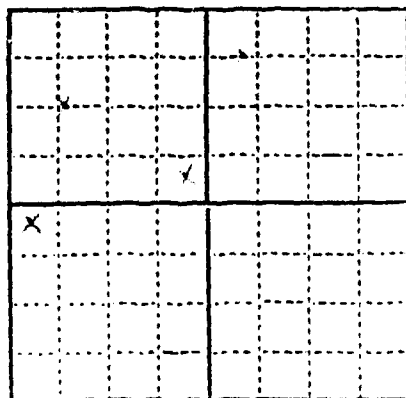
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 98827

139-73

GW 1 3-10 PM



$\frac{1}{2}$ $\frac{1}{4}$ Sec. 17

T. 14 N R. 4 W E. W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated _____

Owner Robert Lee Davis

Address Box 444, Whitehall, Montana

Contractor (if any) N/A

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Sub-irrigation

spring + waste water

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

Gravity + pump

3. Depth of water table 1 to 10 ft

4. Use of the water Irrigation + Livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) _____

300 miner's inches

6. If used for irrigation, give number of acres and description of land _____

approximately 500 acres

7. Estimate amount of water used each year 100,000 ft

8. Months of year spring flows the majority

Signature of Owner Robert Lee Davis

Date June 28, 1973

55689

98927

RECORDER'S OFFICE
Jefferson County, Montana }
Filed for record this 29 day of June
A.D. 1973 at 3:18 o'clock P.M.
Janne P. McFarlane
County Recorder
Fees \$ 2.00

File No.

DUPLICATE

T.1. R.4.1.1.

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

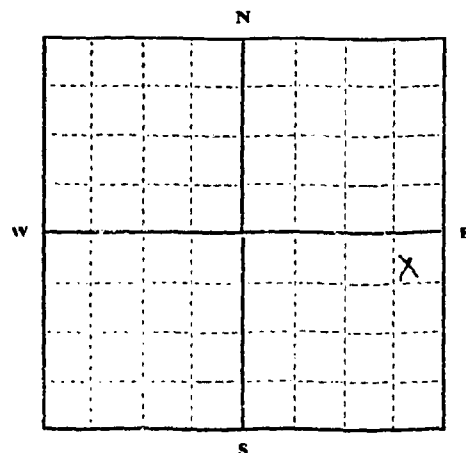
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ENGINEER

1. Ralph G. Page and Margaret M. Page, of Three Forks Montana
Ralph G. Page and Margaret M. Page (Address) Three Forks Montana (Town)
 County of Jefferson State of Montana
 have appropriated groundwater according to the Montana laws Montana prior to January 1, 1962, as follows:



N E 1/4 SE Sec. 17, T.1. N. R. 4. W.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based For Irrigation
on the land described here on.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1943 and a continued
use thru Spring and Summer

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miners inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

Thirty acreages in Section 17 and 20
Town Ship 1 N. Range 4 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Pumps run by
electricity from three wells all in
NE 1/4 SE Sec 17 T.1 N. R. 4 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement of construction April 1, 1943 and completed
June 1, 1943

8. The depth of water table It is changed from time to time as the Jefferson River

9. ~~State as far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater~~ The average water is about 6 feet.
One well has a driven pipe 18 feet. One is
dug well 10 feet. The other well is near the swamp and is arranged
so the swamp water runs in the well.

10. The estimated amount of groundwater withdrawn each year About 1,000,000 cubic feet

11. The log of formations encountered in the drilling of each well if available 3 ft. top soil, 3 ft. sand
and silt, 10 ft gravel and rocks.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Margaret M. Page
Ralph G. Page
 Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19450

83200

[illegible]

File No.

DUPLICATE

RECEIVED
MAR 18 1964

Approved Stock Form State Publishing Co., Helena, Montana—38496

T. 1 R. 4

County.

STATE OF MONTANA
STATE ENGINEER

ADMINISTRATOR OF GROUNDWATER CODE

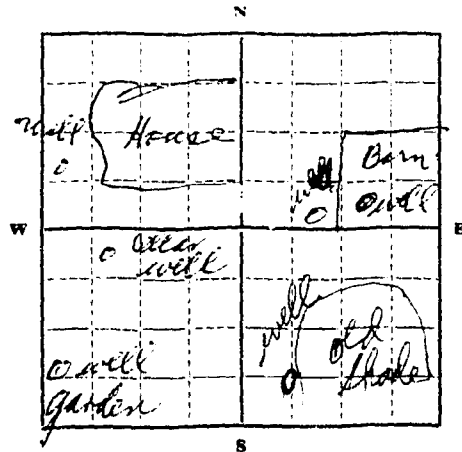
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Elmer Patience Day of Box 25 Walla Walla
(Name of Appropriator) (Address) (Town)
County of Walla Walla State of Washington
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 17, T. 1, R. 470

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Domestic
Livestock, sprinkling lawns & garden
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1883 Daily
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) about 60 gals a minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
garden lawn and trees
about 2 acres
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Wells - 6 of them - 4 of them
haven't been used of 25 years
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Those wells were there about 80 years
8. The depth of water table. 3 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.
90 feet with 4 inches casing
for 6 of them
10. The estimated amount of groundwater withdrawn each year. approx. 150,000
11. The log of formations encountered in the drilling of each well if available.
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record. not recorded

Signature of Owner Elmer Patience Day

Date Dec 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35483

83460

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 16 day of January
A. D. 1964 at 9:01 o'clock A.M.
Alta M. [Signature]
County Recorder
Fees, \$ 2.00

File No.

DUPLICATE

RECEIVED
MAR 18 1964

Approved Stock Form—State Publishing Co., Helena, Montana—38496

T. 1 R. 4
County.

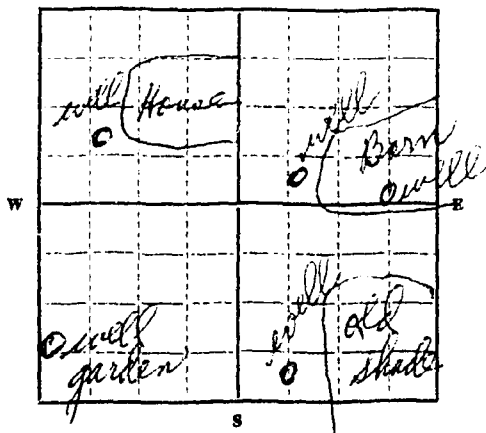
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elvie Satauni Rex of St. Louis Walla Walla
(Name of Appropriator) (Address) (Town)
County of Walla Walla State of Washington
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 17 T. 1 R. 4 N.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household
Livestock, Sprinkling Lawn & garden

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1883 early

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) about 60 gals a minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
garden lawn and trees
about 3 acres

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.

Wells 4 of them 4 of them
have not been used for 25 years

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. These wells were there about 80 years

8. The depth of water table. 3 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.

90 feet with 4 inches casing
for piping of them

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. approx 150,000

Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

not recorded

Signature of Owner Elvie Satauni Rex

Date Dec 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

35482

83459

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 16 day of January
A. D. 1964 at 900 o'clock A. M.
Alta M. Hansen
Fee, \$ 2.00

File No.

T. 1 N R. 4 W

DUPLICATE

County Jefferson

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 4420)0'
3'

Top Soil

30'

Sandy Clay (BFW.)

40'

Brown Clay

50'

Sandy Clay gravel

65'

Sand & Gravel (water)

.....bottom.....

Notice of Completion of Groundwater
Appropriation by Means of Well

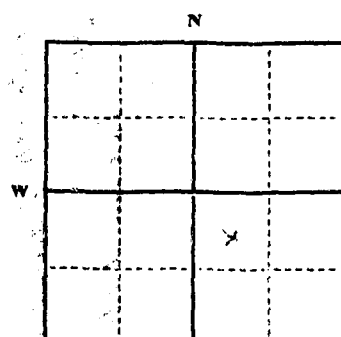
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ralph Brown Address Whitehall, Mont.Driller Barrus Drilling & Pump Address Butte, Mont.Date of Notice of appropriation of groundwater April 9, 1969Date well started April 9, 1969 Date completed April 10, 1969Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6" ID .219 14.97 lbs	0'	65'	torch 1" XA"	59'	62'

NW 1/4 Sec. 18 T. 1 N. R. 4 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 39 feet.Shut-in Pressure for Flowing Well NAPumping Water Level 45' feet
at 15 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested PUMPEDLength of Test 2 hrs.Remarks: (Gravel packing, cementing, packers, water of shutoff) water is coming through perforations

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
NA

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

no. 179

Driller's License Number Mark J. Barrus

Driller's Signature.

45,202

91175

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 12 day of May
A. D. 1969 at 8:30 o'clock PM

Alta M. Dawson
County Recorder

Fees, \$ 2.00 Joanne P. McFarlane,
Dep.

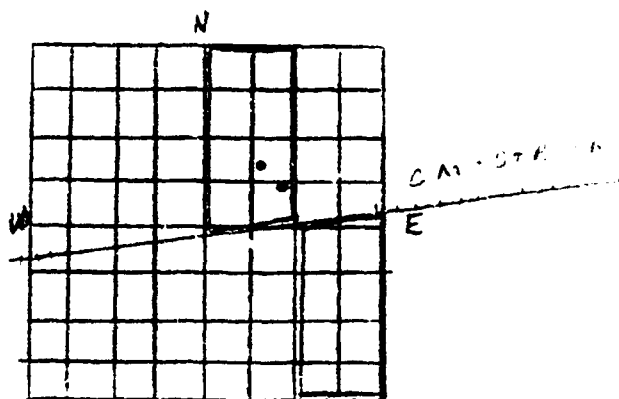
T 1 N. R. 1 EastCounty Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph G Brown, of Route One Whitehall
(name of appropriator) (address) (Town)
County of Jefferson, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



Section 1/4 of Sec 18 T1 N. R. 1 East

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Household water and Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
About the year of 1900. Daily use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
100 gallons per minute total both wells.
5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump near house and near barn
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
One well in operation since 1900 Second well dug in July 1961
8. The depth of water table 40 feet and 10 to 20 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Deep well pump 40 to 60 feet 6" casing. Shallow well 10 to 20 feet 6" casing
10. The estimated amount of groundwater withdrawn each year 1,000,000 Gals.
11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record

Date 12/31/63

Signature of Owner

Ralph G BrownSTATE OF MONTANA
COUNTY OF SILVER BOW

ss

Ralph G Brown

having first been duly

sworn, depose, and says that he is of

lawful age and is

the appropriator and

Claimant

of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 31st day of December, 19 63

Notary public for the St. of Montana, residing at

Commission expires

Jan 7, 1964

19578

83346

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec.
20, 1963 347 o'clock P M.
County _____
Vern: 200

File No.

T. N. R.

DUPLICATE

County Jefferson

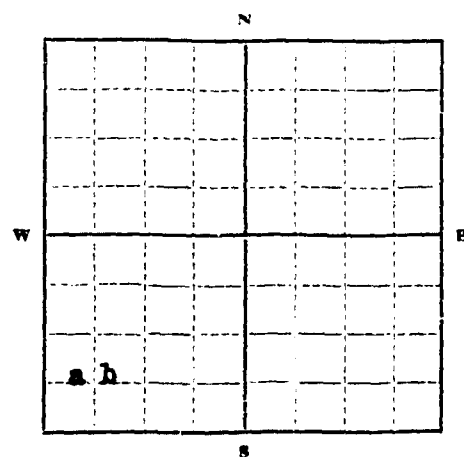
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 4 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. PARMELIA DES ROSIER of Whitehall.
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 18, T1N, R. 4W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. (a) for domestic use and (b) for stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (a) Since before 1880 (b) since before 1880 - use on both wells has been continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). (a) 800 GPM (b) 1,000 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. (a) by hand pump in well (b) by electric pump in well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. (a) prior to 1880 (b) prior to 1880
8. The depth of water table. (a) 6 to 8 foot (b) 5 to 8 foot
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. (a) 4 inch steel casing to 35 foot depth. (b) 4 inch steel casing to 35 foot depth
10. The estimated amount of groundwater withdrawn each year. (a) 5,000 gallons (b) 15,000 gall.
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Parmelia DesrosierDate September 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

679

82773

RECORDER'S OFFICE. } ss.
Jefferson County, Montana }
Filed for record this 3 day of October
A. D. 1963 at 9:01 o'clock A.M.
Alta M. Dawson
County Recorder
Fees, \$ 2.00

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Jim March

Address

Whitehall, Montana

Date well started 4-4-72

completed same

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

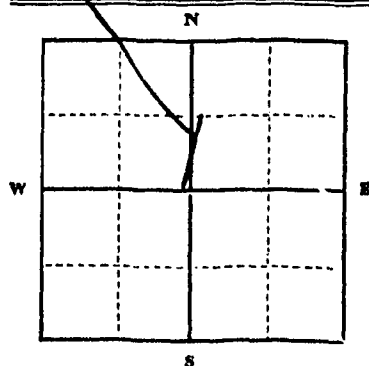
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250 #	3' bgl	111'	cutting torch	104'	107'



N.W. 1/4 Sec. 1

T. 1 N. R. 1 E.

S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Contracting Company

Driller's Address W. F. Kentfield
2804 Harvard Ave.

Butte, Montana 59701 LICENSE NO. 8

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	4'	Existing Well Pit
4'	30'	Tan clay
30'	35'	Tan Sandy Clay
35'	90'	Tan sandy clay w/seepage
90'	107'	sand w/clay & some water
107'	111'	Water, sand med to coarse

111' Show exact depth of bottom

50, 545

96422

RECORDERS OFFICE
Jefferson County, Montana } ss.

Filed for record this 7 day of June
D. 19 22 at 10 o'clock A.M.

Joanna D. McGarland
County Recorder
Fees, \$ 200

By Carla A. Mallack
Dep

RECEIVED

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Clam Patrilli

Address Whitehall, Montana

59759

Date well started 4/19/73

completed 4/19/73

For Administrator's Use

File 98732

JUNE 7, 1973

GW 1 100 p.m.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

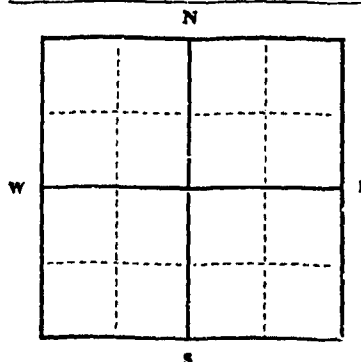
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x .250	od +1'	81'	Cutting torch	76'	81'



SW 1/4 SE 1/4 Sec. 18
T. 1 N. R. 4 E. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O. KEEFE CONTRACTING COMPANY

Driller's Address 2804 Harvard Avenue

Butte, Montana 59701

LICENSE NO. 8

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0'	1'
1'	20'
20'	30'
30'	75'
75'	81'
Top soil	
Sandy clay	
Clay	
Sandy clay	
Sand, gravel, & water	

81' Show exact depth of bottom

53,407

98732

CLERK OF DISTRICT COURT
Harrison County, Montana
and for record this 2 day of June
A.D. 1923 at 4:00 o'clock
Joanne G. McFarlane
County Recorder.
208

File No.

T. 1 N. R. 4 W.

DUPLICATE

County Jefferson

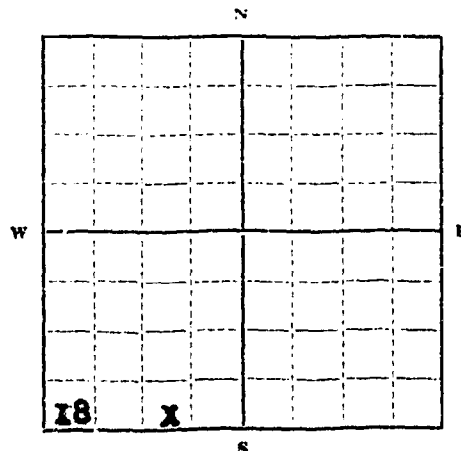
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert H. Simonich of Whitehall
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SW $\frac{1}{4}$ Sec. 18 T. 1 N. R. 4 W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Household
Lawn, Trees and Garden
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. July of 1957
continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 1000 Gals. per hour
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1 (1) one Acre
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
Denning Jet 3/4 hp
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1957, July drilled 5" casing in one week
8. The depth of water table. First water 62 feet. Second water 93 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Drilled, 6" casing, 118 ft. deep
10. The estimated amount of groundwater withdrawn each year. 500,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. Sandy loam for
About 100 feet then pea gravel for 18ft.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Signature of Owner.

Robert H. SimonichDate 12-14-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

19477

83237

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec
A. D. 1963 at 8 30 o'clock A. M.
[Signature]
County [Signature]
Fees, \$ 2.00

T. 1N R. 4E
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

24	13
19	18

Owner Robert A. Simonich Address Whitehall, Mont.
Driller R. B. Laidig Address Cardwell, Mont.
Date Started August 3-1957 Date Completed August 16-1957
Location: Sec. 12 T. 1N R. 4W $\frac{1}{4}$ sec. SW $\frac{1}{4}$

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 116 ft. Type STANDARD Size 6 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 76 ft feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____

Pumping water level 80' feet at 400 gal. per min. 6 1/4 g.p.m. (date)

How tested: Used pump which pumped 700 gal. per hour

Length of test 14 hours Test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

First water at 76 ft.

Packing Natural formation

(over)

Log of Well

[illegible]

File No.

T. 1N R. 4W

DUPLICATE

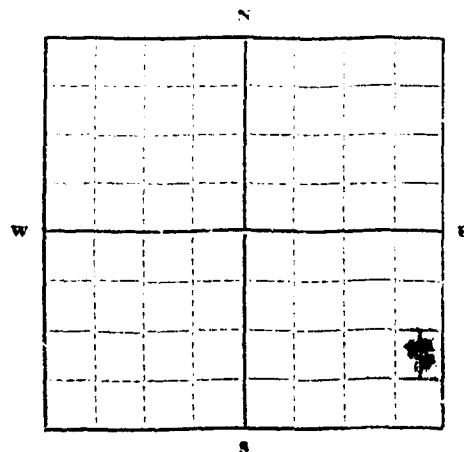
County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Patacini
Henry B. Patacini of Whitehall, Montana
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4-SE 1/4-19-1N-4W
SE 1/4-19-1N-4W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Household use
Stock Water & sprinkling
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1943 that I know of.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). About 10 gallons a minute from
two of the wells and about 15 gallons on third
well.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof.
Used for sprinkling a small garden and lawn.
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
Three wells, one in house, one in garage,
and the other in barn.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. All three wells have been here as long as I know.
8. The depth of water table. About 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. All are sand point, one inch and a quarter,
and two are 20 feet deep and the third is 40 feet.
10. The estimated amount of groundwater withdrawn each year. Rough estimate of 50 to 60 thousand
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record. none

Signature of Owner Henry B. PataciniDate Dec 16 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

19549

833 17

RECORDER'S OFFICE
Jefferson County, Montana
Filed for record this 31 day of Dec
A. D. 1923 at 20 P.
Fees, 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Marcher

Address WHITEHALL

Date well started SEPT 1970 GW 1

completed SEPT 1970

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used CHURN

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

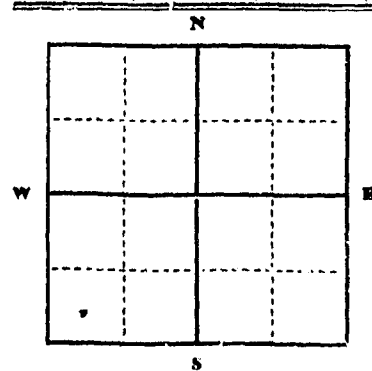
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 200,000 GAL.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6" ID	6" ID 250 LBS.	0'	30'	TORCH 1/2" x 4"
				29'
				30'



1/4 Sec. 20
T. 1 N. R. 4 W. E
S S W W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature BARNES DRILLING & PUMP

Driller's Address 3215 SANDERS ST.

BUTTE MONTANA 59701

LICENSE NO. 179

County JEFFERSON

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0'	3'
3'	14'
14'	18'
18'	25'
25'	29'
29'	30'
TOP SOIL	
CLAY & GRAVEL	
SAND & GRAVEL	
CLAY & GRAVEL	
SAND & GRAVEL	
BOTTOM	

30' Show exact depth of bottom

47823

93887

RECORDED
Jefferson County, Missouri
Filed for record this 30 day of Nov
A. D. 19 21 at 7:55 o'clock P. M.
James F. McMillan
Deputy County Recorder
Fees, \$ 2.00

File No.

DUPLICATE

T. 1 R. 4

County Jefferson

JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

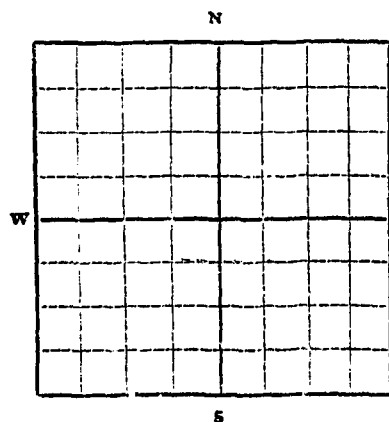
ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural SpringOwner Henry B. Patacini Address Whitetail, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water at the surface



..... 1/4 Sec. 20 T. 1 N. R. 4 W tent estimate approximate lengths of periods of use It is

Indicate point of appropriation and place of use, if possible.

a natural spring in the field where all the stock can drink.

Signature of Owner Henry B. PataciniDate Dec 16 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

83318

RECORDER'S OFFICE. }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec
1963 at 12:02 o'clock P. M.
Wm. M. Hanson
County Recorder
Fees, \$ 2.00

File No.

T. 1 R. 4

DUPLICATE

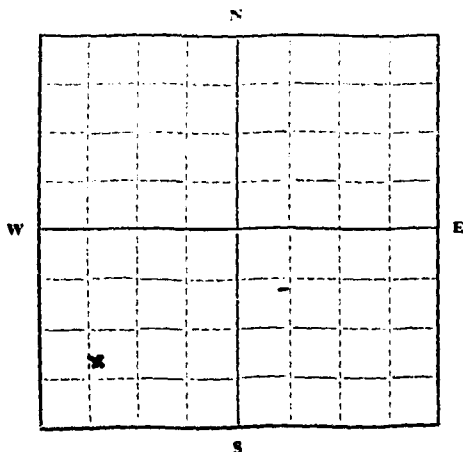
County of Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry B. Patacini of Whitehall, Montana
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 20 T. 1 N. R. 4 W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 1930. Used each winter.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). about 500 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. One pump out in the pasture.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1930
8. The depth of water table. About 6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Open well about 15 feet deep
10. The estimated amount of groundwater withdrawn each year. No possible way to even estimate.
11. The log of formations encountered in the drilling of each well if available. None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner. Henry B. PataciniDate. Dec 14 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19548

(continued)

100

File No.

DUPLICATE

T. R.

County,

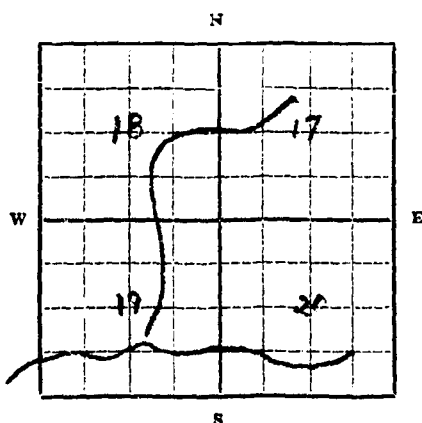
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Elsie Patacini Rex, of RFD Whitehall
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. T1N R4W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based livestock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous during irrigation season since May 1, 1949.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Portions of Sections 17, 18 and 20, T1N, R4W, Jefferson County, Montana, being about 100 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ditch drainage from Section 19 in said Township and Range
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater From May 1, 1949 to May 1, 1950, constructed drainage ditch to gather underground water and convey it to lands.
8. The depth of water table from 2 to 6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drainage ditch from neighboring lands to the Southwest tapped at a point about 1 mile North of lands of declarant. Tapped with ditch approximately 2 feet deep at bottom, 4 feet in width at top and 4 feet deep.
10. The estimated amount of groundwater withdrawn each year Continuous flow from about April 15th to October 15th each year and during Winter when possible.
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Elsie Patacini Rex

Date May 10th, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

81010

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 10 day of May
A.D. 19 62 at 1:10 o'clock P.M.
Alta M. Dawson
County Recorder

Fees, \$ 1.00
Mary Dean Flaherty
Deputy

Smith, Herman P.
1 N 4 W SEC-20
Should be Jefferson

T. 14 N R. 4 W

County

U.S. BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: HERMAN P. SMITH Address: ROUTE 1 BELGRADE, MONTANA

Driller: VANDYKEN DRILLING CO Address: BOZEMAN, MONTANA

Date Started: JANUARY 30, 1961 Date Completed: FEBRUARY 20, 1961

Location: Sec. 20 T. 14 N. R. 4 W. 1/4 sec. NE

Type of well: DRILLED (Dug, driven, bored, or drilled) Equipment used: CABLE TOOLS (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 75 ft. Type: PRIME STEEL Size: 16" 1/4" WALL P.L.

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 8 to ft. 75 Ft. _____ to ft. _____

Type of screen or perforations: 3/8" X 14" SLOTS 6 TO CIRCLE OF CASING SPACED 4"

Static Water level, for non-flowing well: 5' FROM TOP OF CASING feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on _____ (date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: _____

Length of test: 7 HRS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) PUMP TEST

5 HRS TEST PUMPING WATER STABILIZED @ 38' @ 1250 GPM

1 HR @ 31' @ 1075 GPM

1 HR @ 24' @ 850 GPM

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	8'	TOP SOILS & CLAY
8'	8'3	COARSE SAND, GRAVEL, AND SMALL BOULDERS, WATER

Callahan County, }	ss.	
State of Montana,		
Filed	July 27	1965
at 8:45	o'clock	A. M.
	Conrad Mallon	
	COUNTY CLERK & RECORDER	
by	Ray H. Canale	
Fee \$ 2.	00	02
	DEPUTY	

wa
wa
wa
wa

WELL WILL PRODUCE

1450 GPM @ 45 FT LIFT

1650 GPM @ 52 FT LIFT

1850 GPM @ 59 FT LIFT

Also measured water July 26, 1961 by Parshall Flume.
and received 3.1 cfs - John B. Lehis

File No.

DUPLICATE

RECEIVED
FEB 27 1964

RECEIVED
FEB 24 1964

Approved Stock Form—State Publishing Co., Helena, Montana—38495

T. R.

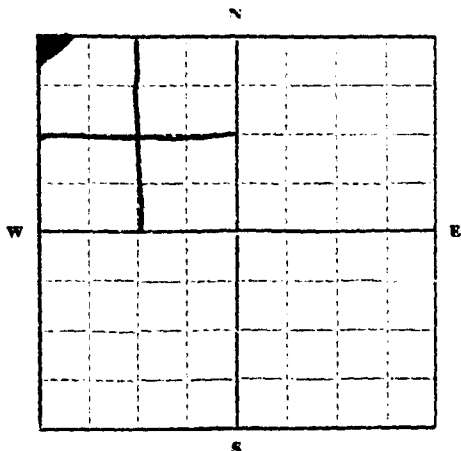
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER COLE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER **Declaration of Vested Groundwater Rights** STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. MARY D. GRANT of route #1, WHITEHALL
(Name of Appropriator) (Address) (Town)
County of JEFFERSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 29 T1 N R4 W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Household-
Home Orchard
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. beginning 1920 to date
4. The amount of groundwater claimed (in miner's inches or gallons
per minute).....
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
well
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
not applicable
8. The depth of water table.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.....
15 feet 2 inches in Depth
10. The estimated amount of groundwater withdrawn each year.....1,875 cubic feet
11. The log of formations encountered in the drilling of each well if available.....None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.....
Not recorded

Signature of Owner

Mary D. Grant

Date Dec. 14, 1963

Copy

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

11549

RECORDER'S OFFICE,
Yellowstone County, Montana } ss.

Filed for record this 3 day of January

A. D. [illegible] at [illegible] o'clock [illegible] M.
County Recorder

Fee, \$ 25.....

File No.

T. 1 R. 4

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

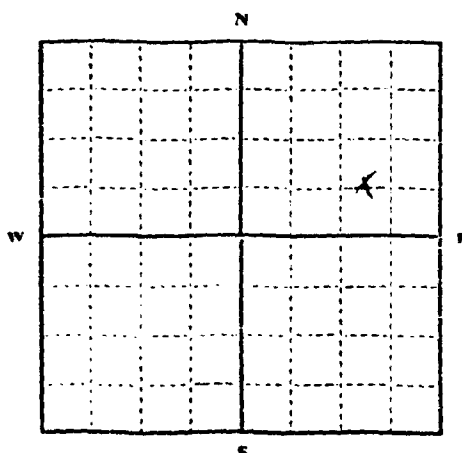
JAN 3 1963

RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eugene Holt, of Silver Star, Montana.
(Name of Appropriator) (Address) (Town)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 29 T.1 R.4

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic-house hold use, and farmyard use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. used continuously since 1925.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 800 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 1/2 Acre yard and garden in NE 1/4 Sec. 29. T.1 R.4
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table. 4 to 6 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 inch drilled well 25 feet deep
10. The estimated amount of groundwater withdrawn each year. 80,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not available

Signature of Owner Eugene Holt

Date Dec. 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

194.18

83163

RECORDED OFFICE } ss.
Montana }
and for record this 30 day of Dec
1963 \$800 A. M.
A. M. County Recorder
Fees \$ 200

59353

96299

RECORDER'S OFFICE
Jefferson County, Montana } ss.
Filed for record this 9 day of May
A.D. 1922 at 2:35 o'clock P.M.
James D. [Signature] County Recorder
Fees, \$2.00

By Carla A. Matlack
dep

File No.

T. 1-N R. 4-W

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-29-63

Owner *Jefferson* Address *Whitehall, Mont*Contractor (if any) *None*Address of Contractor *None*Date Started *unknown* Date Completed *unknown*Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Spring. Switch along**the main spring and land*

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. *year around**for irrigation and stock*Signature of Owner *Edward & Betty Redman*

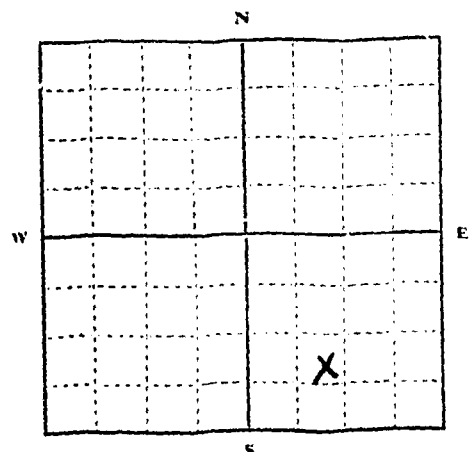
Date 12-29-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



NE 1/4 NW Sec. 29 T. 1-N R. 4-W

Indicate point of appropriation and place of use, if possible.

File No.

DUPLICATE

T. 1-11 R. 4-10

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-29-63

Owner Howard & Betty Redfurn Address Mitchell Mont

Contractor (if any) None

Address of Contractor None

Date Started unknown Date Completed unknown

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring & ditch dug
to drain spring and land

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. year around
for irrigation and stock

Signature of Owner Howard & Betty Redfurn

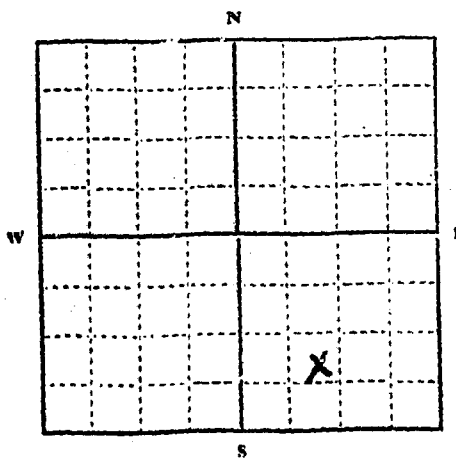
Date 12-29-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



NE 1/4 Sec. 29 T. 11 R. 4 W

Indicate point of appropriation and place of use, if possible.

83217

RECORDER'S OFFICE } ss.
Yellowstone County, Montana }

For record this 30 day of Dec.
1963 at 153 o'clock P.M.

[Signature]

Fees, \$ 2.50

CH 4
File No.

DUPLICATE

T. 1. N. R. 4. W.

County *Jefferson*

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

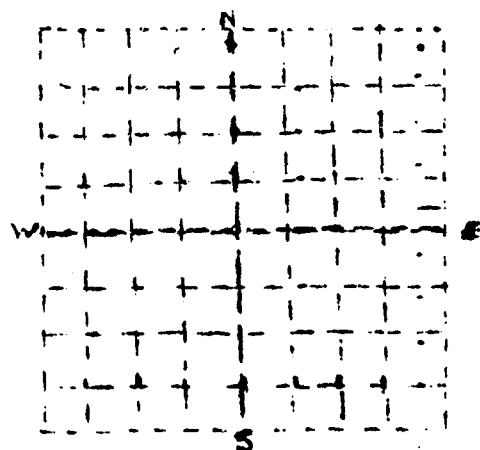
RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Barth & Harold K. K. K. of *Bozeman* *Bozeman*
(Name of Appropriator) (Address) (Town)

County of *Jefferson* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec 24. T. 2. N. R. 4. W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10 acres.

2. The beneficial use on which the claim is based *Home use and garden*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *50 or 60 years*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *2.5 gpm*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *Bozeman*
Home use and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Electric Pump*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Started 50 or 60 years*
8. The depth of water table *4.5 ft*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *1.5" Bore*
1.5" Bore
10. The estimated amount of groundwater withdrawn each year *30 or 35 thousand*
gals per year
11. The log of formations encountered in the drilling of each well if available *Granite*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *None Available*

Signature of Owner *Barth & Harold K. K. K.*

Date *1.2.63*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quaduplicate for the Department.

19455

83215

RECORDERS OFFICE {
Huron County, Montana }
Filed for record this 30 day of dec.
1963 at 151 o'clock P.
Alta M. Dawson
Fees, \$ 2.00

GW 4
File No.....

T. 11 N. R. 11 E. S. 11

Duplicate

County.....

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

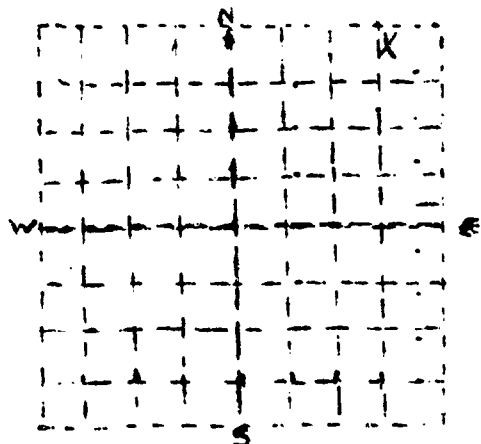
RECEIVED
JUL 3 1963

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

W. E. 1/4 Sec 25 T. 11 N. R. 11 E. S. 11
(Name of Appropriator) (Address) (Town)

County of *Jefferson* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. E. 1/4 Sec 25 T. 11 N. R. 11 E. S. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10 acres.

2. The beneficial use on which the claim is based *irrigation for garden*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1950*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *500 gal*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *Garden spot*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Electric pump*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *March 15, 1962*
8. The depth of water table *20 ft*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *10 ft deep*
10. The estimated amount of groundwater withdrawn each year *enough for irrigation*
11. The log of formations encountered in the drilling of each well if available, *no record of amount*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *none available*

Signature of Owner *W. E. 1/4 Sec 25 T. 11 N. R. 11 E. S. 11*

Date *Dec 30 - 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate for the Department of Agriculture.

19456

83216

RECORDER'S OFFICE }
of Marion County, Mo. }
Filed for record this 30 day of dec
A.D. 1963 at 152 o'clock P.M.
W. H. Harrison
County Clerk
Fees \$ 2.00

GM 4
File No.....
DUPLICATE

T.....R.....
County.....

STATE OF MONTANA

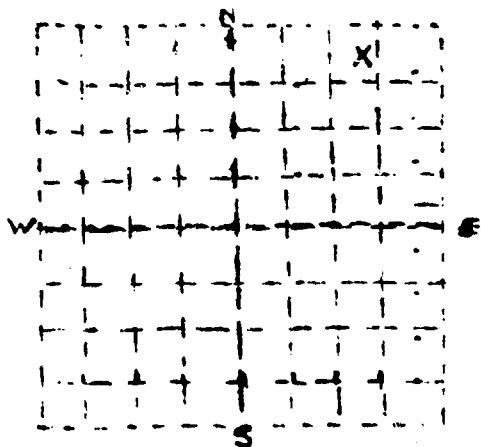
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Howard G. Little, Plaintiff....., of *Route 1 - Box 73*.....
(Name of Appropriator) (Address)
County of *Jefferson*.....State of *Mont*.....
have appropriated groundwater according to the Montana laws in effect prior to Jan-
uary 1, 1962, as follows:



N.E. 1/4 Sec 28, T17N, R7E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10 acres.

2. The beneficial use on which the claim is based *for irrigation*.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *about 50 years*.....
4. The amount of groundwater claimed *(in cubic inches or gallons per minute)*.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *for stock only*.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Hand Pump and Electric*.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *about 50 years*.....
8. The depth of water table *15 ft.*.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *Deep well with 1 1/2 inch casing*.....
10. The estimated amount of groundwater withdrawn each year *enough for stock from 10 to 15 cows*.....
11. The log of formations encountered in the drilling of each well if available *none*.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *none available*.....

Signature of Owner *Howard G. Little, Plaintiff*

Date.....

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state; otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Tripli-
cate to Montana Bureau of Mines & Geology, and Quadruplicate for the use of laws.

19454

83214

RECORDER'S OFFICE }
Deerhead County, Montana } ss.
and for record this 30 day of Dec
1950 at 6:30 o'clock P.M.
Alta M. Dawson
County Recorder
Fees, \$ 2.00